



Brm Polyclonal Antibody

Catalog No	YP-Ab-02216
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	SMARCA2
Immunogen	The antiserum was produced against synthesized peptide derived from human Brm. AA range:1328-1377
Specificity	Brm Polyclonal Antibody detects endogenous levels of Brm protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SMARCA2;EC:3.6.4.-;BRM;BRG1-associated factor 190B;BAF190B;Probable global transcription activator SNF2L2;SNF2A;SNF2L2;ATP-dependent helicase SMARCA2;Protein brahma homolog;hBRM;SNF2-alpha;SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 2
Observed Band	181kD
Calculated Molecular Weight	181kD
Cell Pathway	Nucleus .
Tissue Specificity	Bra
Function	function:Transcriptional coactivator cooperating with nuclear hormone receptors to potentiate transcriptional activation. Also involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene., PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., similarity:Belongs to the SNF2/RAD54 helicase family.,similarity:Contains 1 bromo domain.,similarity:Contains 1 helicase ATP-binding domain.,



similarity:Contains 1 helicase C-terminal domain.,similarity:Contains 1 HSA domain.,subunit:Component of the BAF complex, which includes at least actin (ACTB), ARID1A, ARID1B/BAF250, SMARCA2, SMARCA4/BRG1, ACTL6A/BAF53, ACTL6B/BAF53B, SMARCE1/BAF57, SMARCC1/BAF155, SMARCC2/BAF170, SMARCB1/SNF5/INI1, and one or mo

Background

The protein encoded by this gene is a member of the SWI/SNF family of proteins and is highly similar to the brahma protein of Drosophila. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, which contains a trinucleotide repeat (CAG) length polymorphism. [provided by RefSeq, Jan 2014]

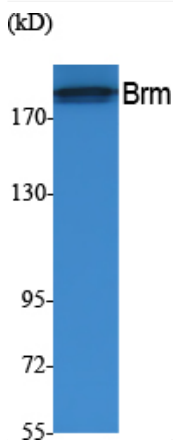
matters needing attention

Avoid repeated freezing and thawing!

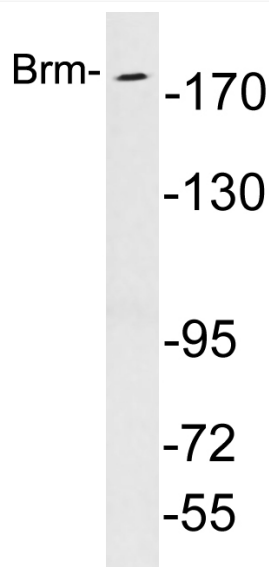
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of extracts from A549 cells, using Brm Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Western blot analysis of lysates from K562 cells, using Brm antibody.